AirPatrol WiFi Full Manual

V1.0

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What AirPatrol WiFi does?

AirPatrol WiFi is a heat pump and air conditioner (AC) controller you operate with a mobile phone or tablet. It is compatible with all major manufacturers' ACs and smartphones.
(see www.airpatrol.eu for the complete list)

The easiest way to use AirPatrol WiFi is with a Smartphone, using the AirPatrol app downloadable from the Google Play (for Android phones) or App Store (for iPhone). AirPatrol WiFi allows you to have long distance control over the mode of the pump, room temperature, fan speed and mode settings. AirPatrol WiFi can also inform you about high or low room temperature and humidity, air conditioner / heat pump service intervals, connection failures*.

**Alarms function is available from December 2014*

AirPatrol WiFi

Lights and buttons

The controller has 4 LED indicators and 2 buttons for easy setup. It has also hidden infrared (IR)LEDs that transmit your commands to the AC and IR receiver for auto-detection and custom presets.

LED 1 - Power
on - switched on
off - switched off

LED 2 - IR (InfraRed) LED
on - transmitting IR signal

LED 3 - WiFi connection LED
on- connected with access point and internet
blinking - starting connection or no connection to internet
off- no connection

LED 4 - Pairing
on - pairing mode active
off - pairing mode inactive

PAIRING button
Use the PAIRING button to pair your phone or tablet with AirPatrol controller by following the steps described in mobile application.

TEST button
Short push turns the AC or heat pump ON/OFF. Use the TEST button to confirm that the IR beam from the controller reaches the heat pump.

WiFi Network

- AirPatrol WiFi requires a router that is compatible with IEEE 802.11 b/g standards.
- Only IEEE 802.11a/n/ac (and other, more exotic 802.11) standards are not supported.
- AirPatrol WiFi supports open networks, WEP, WPA-PSK and WPA2-PSK security modes
- Only 2.4GHz band is supported (5GHz band is not supported)
- Make sure you have good WiFi signal at the place you are installing AirPatrol controller.

Installing AirPatrol WiFi

AirPatrol WiFi should be mounted near AC's or heat pump's indoor unit, with its IR transmitter pointing to the unit. This way the IR beam reaches the AC's sensor most efficiently.

All mounting configurations are possible as long as IR transmission from the controller to the pump works.

NB! Thick carpets and dark floors can distort the IR beam. Make sure the IR beam reaches the pump's sensor by using the controller's Test function.

To see if AirPatrol WiFi can send commands to your AC or heat pump, turn off the pump and press the controller's TEST button. When the connection is established, AirPatrol WiFi turns the pump on with its last settings and you can proceed using the controller.

AirPatrol WiFi

First please follow Quick Guide steps:

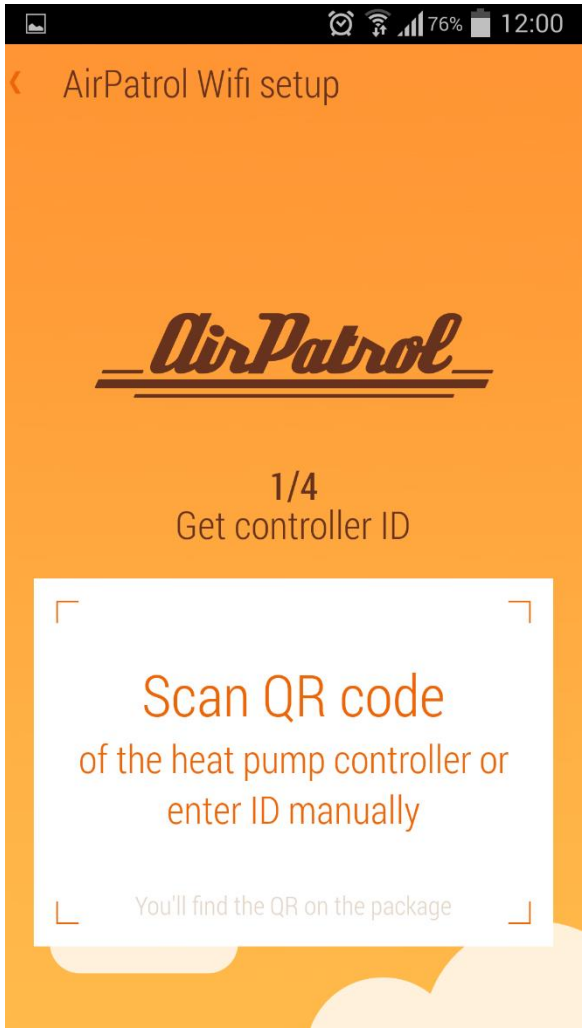
1
Place and plug in AirPatrol WiFi near your AC / heat pump. Use the Test button to make sure AirPatrol can communicate with the AC.
AIR CONDITIONER
2
Download the app from Play Store / App Store.
23
3
Pair AirPatrol WiFi with your phone and follow the instructions from there.
23

AirPatrol WiFi

AirPatrol WiFi Setup

Start AirPatrol app and choose WiFi as controller type.

AirPatrol WiFi Setup



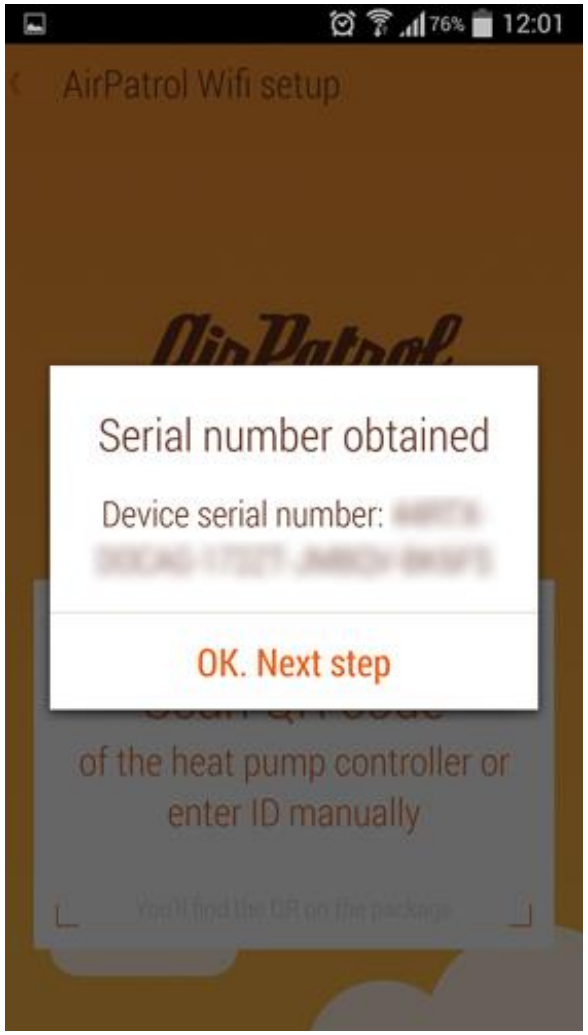
1
Controller ID

Scan the QR code under your AirPatrol WiFi controller.

Do not worry if you cannot read the QR code, you can enter the ID manually.

AirPatrol WiFi

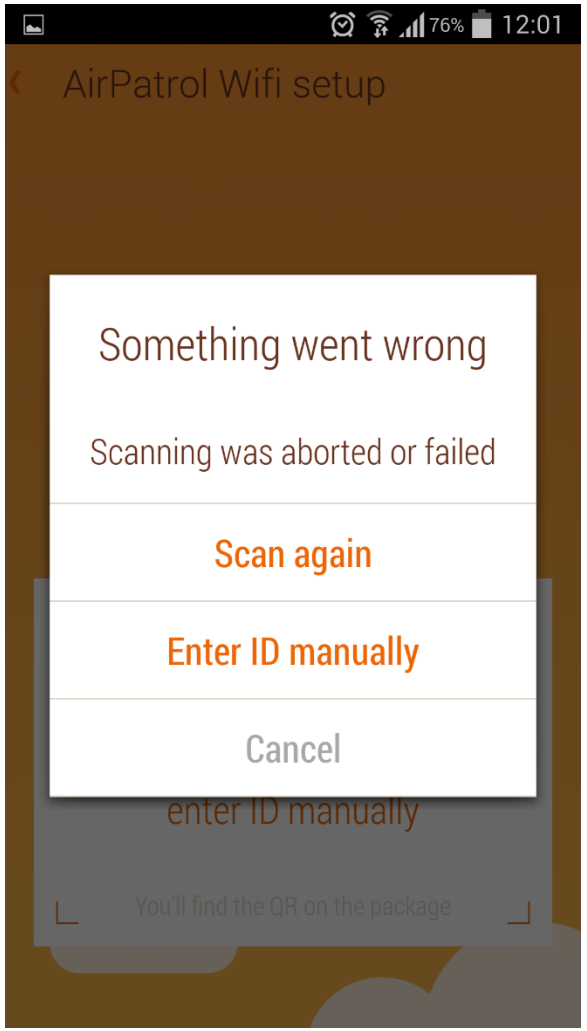
AirPatrol WiFi Setup

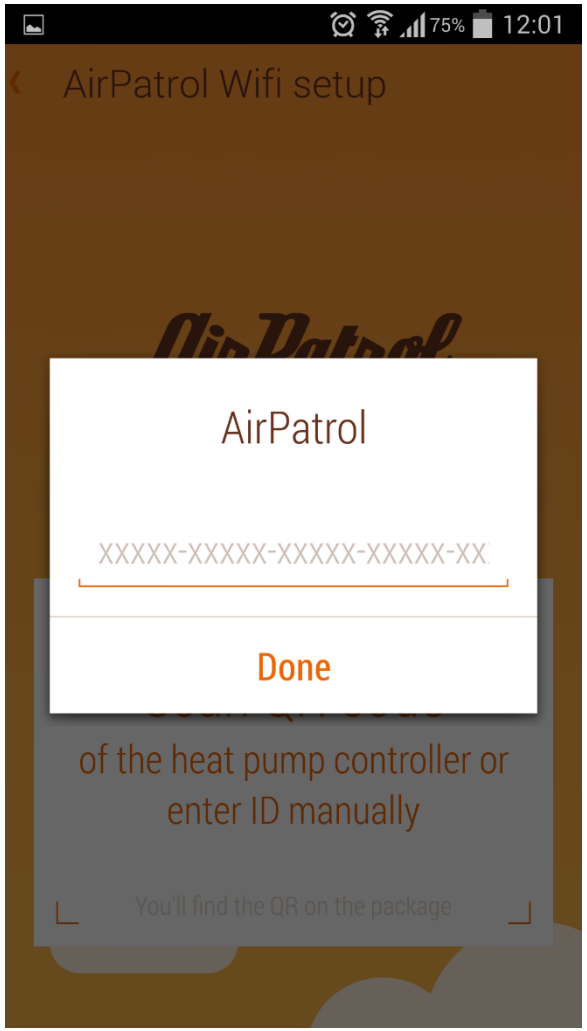


1.1
Controller ID

App will notify you if QR code scanning was successful and you can proceed to next step.

In case QR code scanning was unsuccessful:





AirPatrol WiFi Setup

1.1.1 Controller ID

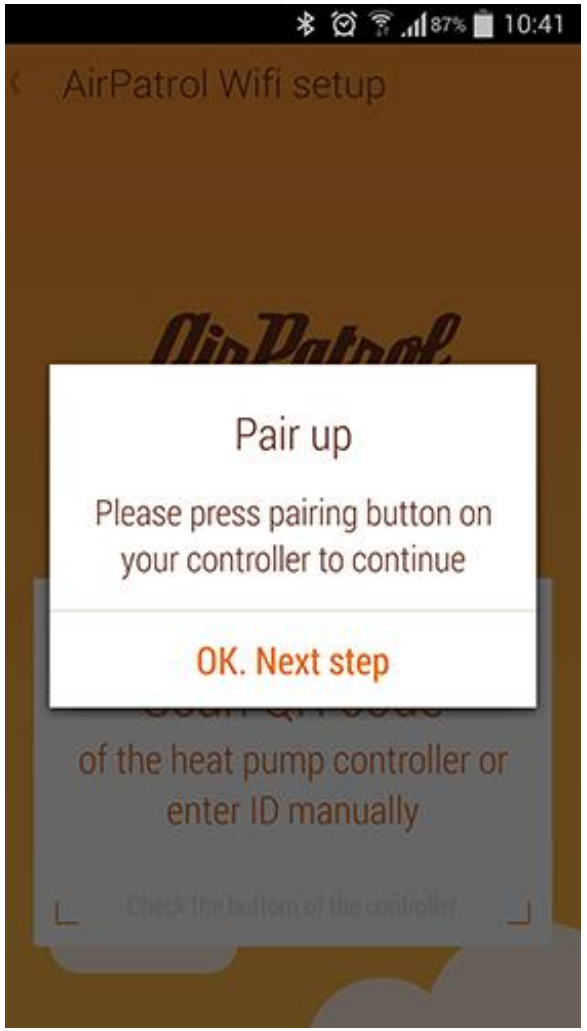
In case something went wrong or you are unable to scan QR code you can either choose scan again or enter ID manually.

1.1.2 Controller ID

Entering ID manually.

Please type the ID code of your controller. It is located unver the controller just below the QR code.

AirPatrol WiFi Setup

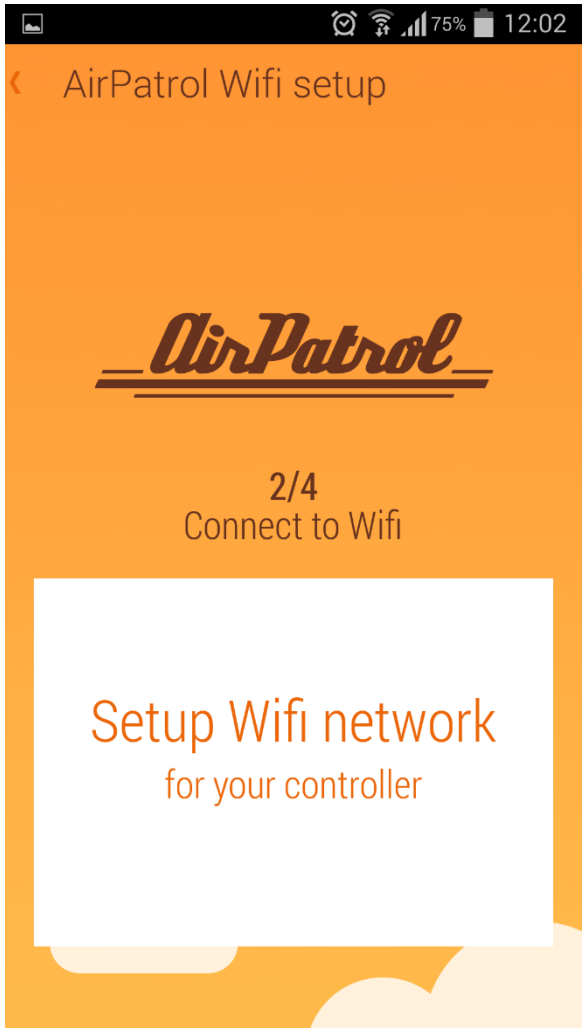

10:41
AirPatrol Wifi setup
Pair up
Please press pairing button on your controller to continue
OK. Next step
of the heat pump controller or enter ID manually

1.2
Pair up

Press pairing button on your controller to continue.

Pairing LED will light up

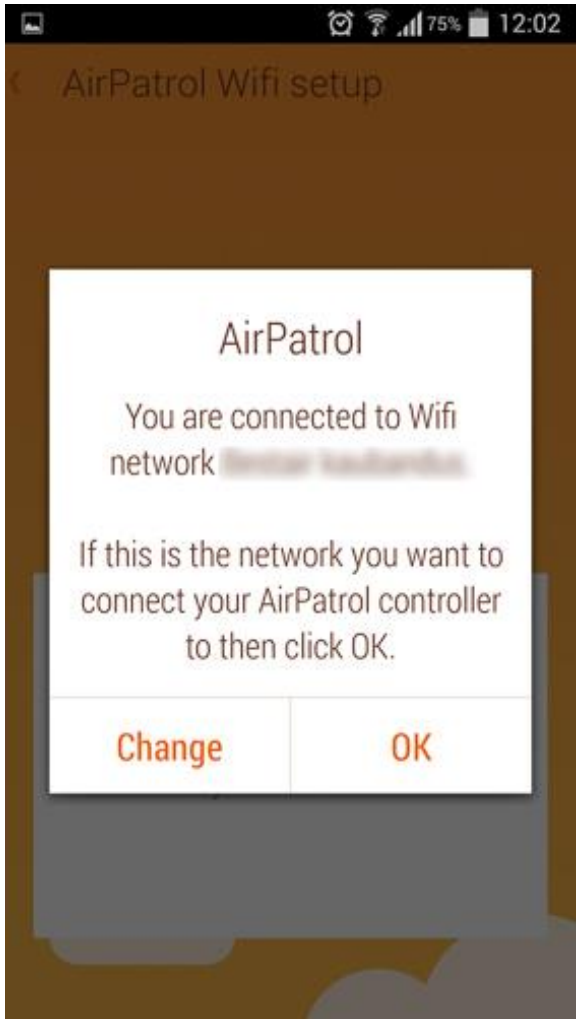
AirPatrol WiFi Setup



2
WiFi connection

Connect your AirPatrol WiFi to WiFi network

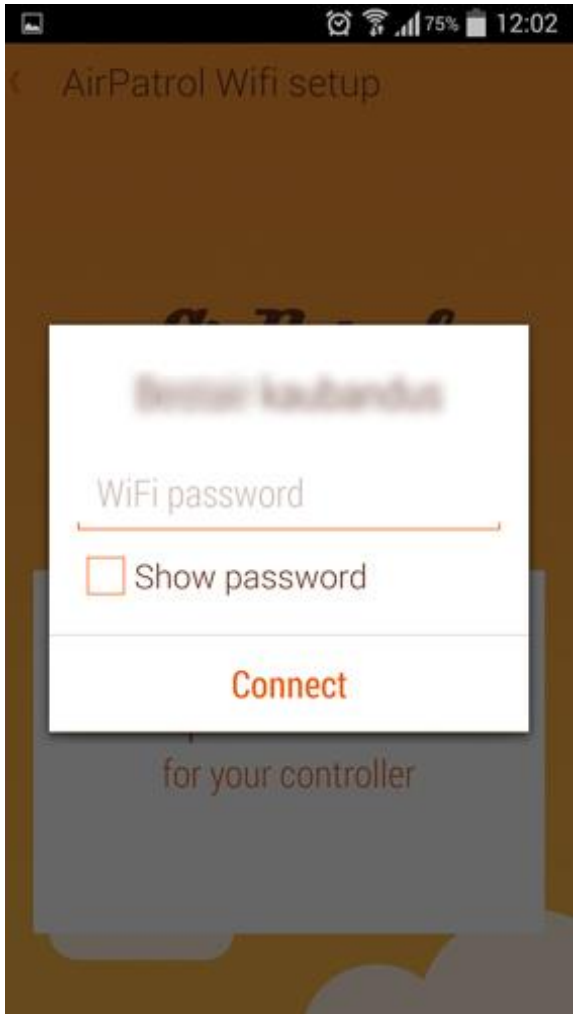
AirPatrol WiFi Setup


12:02
AirPatrol Wifi setup
AirPatrol
You are connected to Wifi network
If this is the network you want to connect your AirPatrol controller to then click OK.
Change
OK

2.1
WiFi connection

The app will check if you are already connected to WiFi network and propose to connect to this network or change to another WiFi network.

AirPatrol WiFi Setup

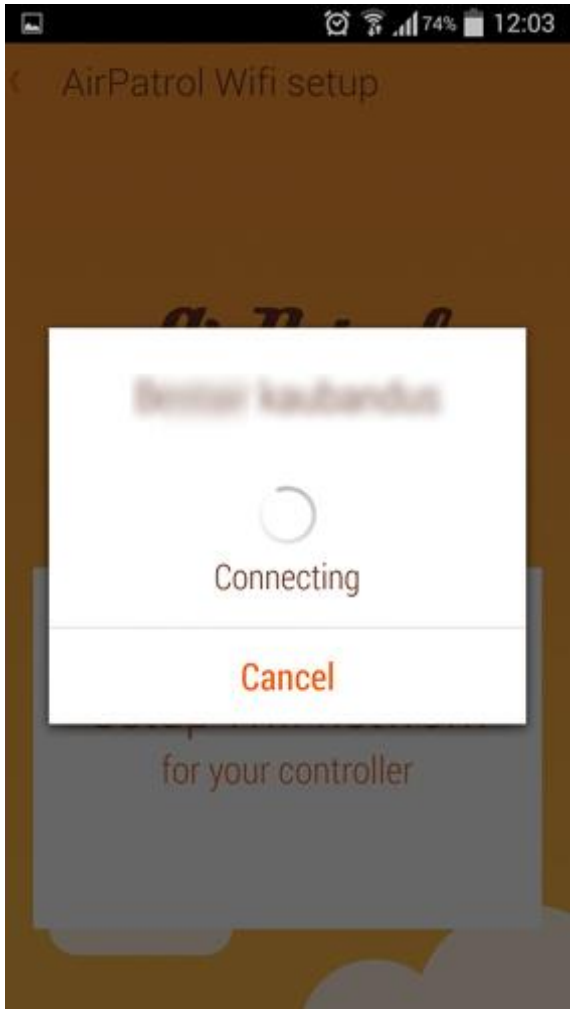


2.2
WiFi connection

You will then be asked to enter your WiFi network password.

In case you do not have a password protected network then leave it empty.

AirPatrol WiFi Setup

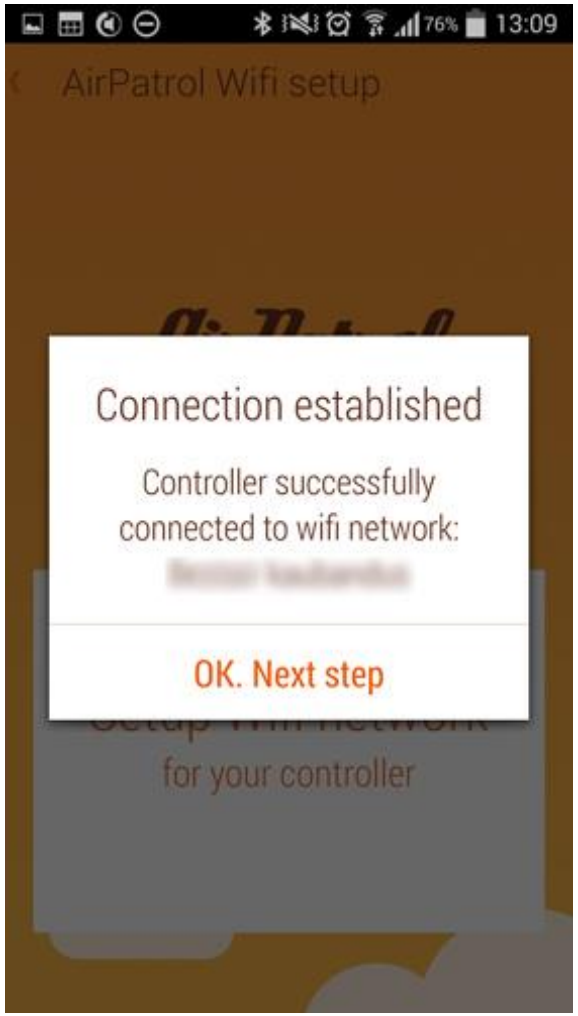


2.3
WiFi connection

AirPatrol will now try to connect to the network you chose.

WiFi LED blinks and turns on

AirPatrol WiFi Setup



2.4
WiFi connection

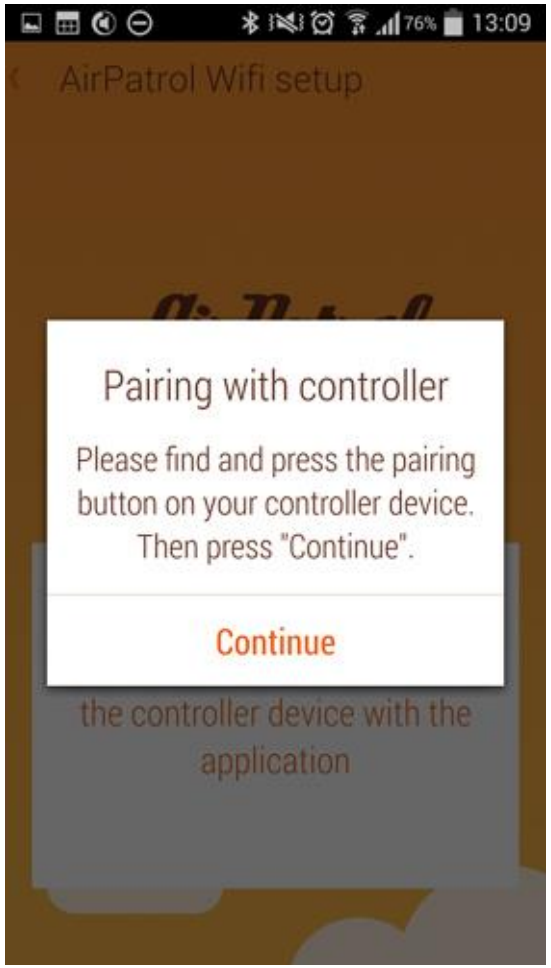
You will be notified if connection is successfully established.

AirPatrol WiFi Setup

3
Pairing with controller

Next you will be asked to pair AirPatrol App with AirPatrol WiFi controller.

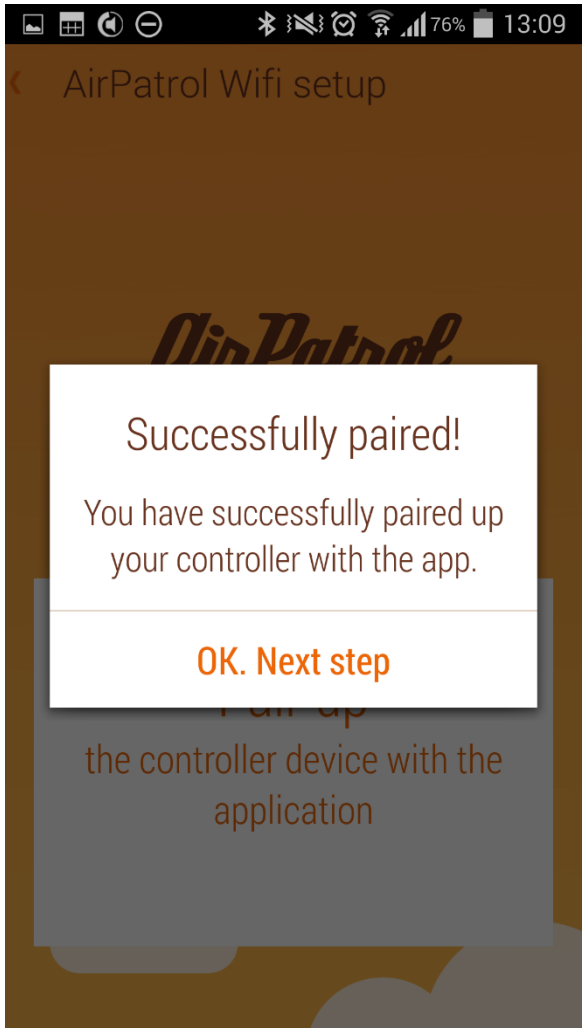
AirPatrol WiFi Setup


13:09
AirPatrol Wifi setup
Pairing with controller
Please find and press the pairing button on your controller device. Then press "Continue".
Continue
the controller device with the application

3.1
Pairing with controller

Press Pairing button on the side of your AirPatrol WiFi controller and follow to the next step.

AirPatrol WiFi Setup


13:09
AirPatrol Wifi setup
Successfully paired!
You have successfully paired up your controller with the app.
OK. Next step
the controller device with the application

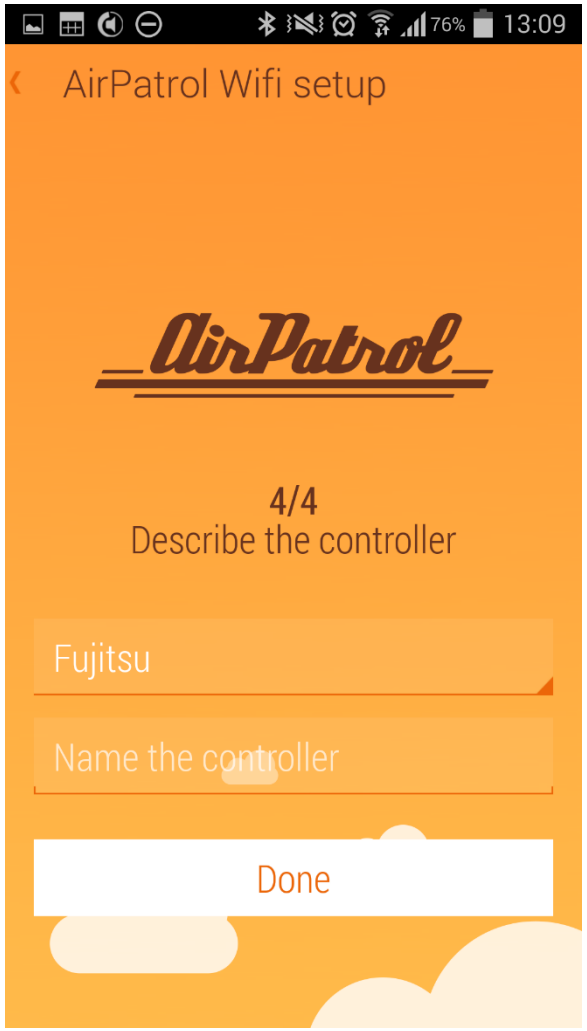
3.2
Pairing with controller

You will be notified if pairing was successful.

Pairing LED will turn off.

Only Power and WiFi LEDs are on.

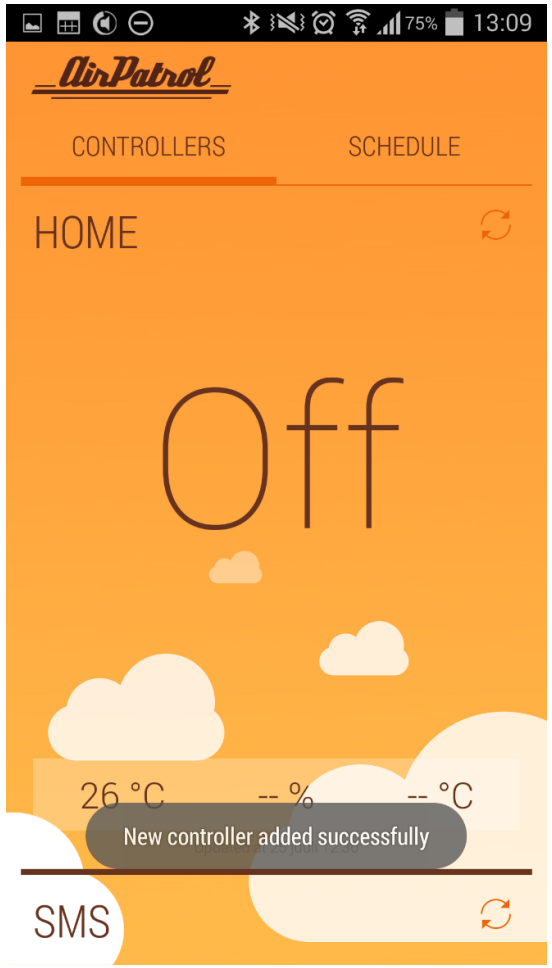
AirPatrol WiFi Setup



4
Information

In the last step you are asked to select your heat pump / AC brand and give it a name.

After that press DONE.

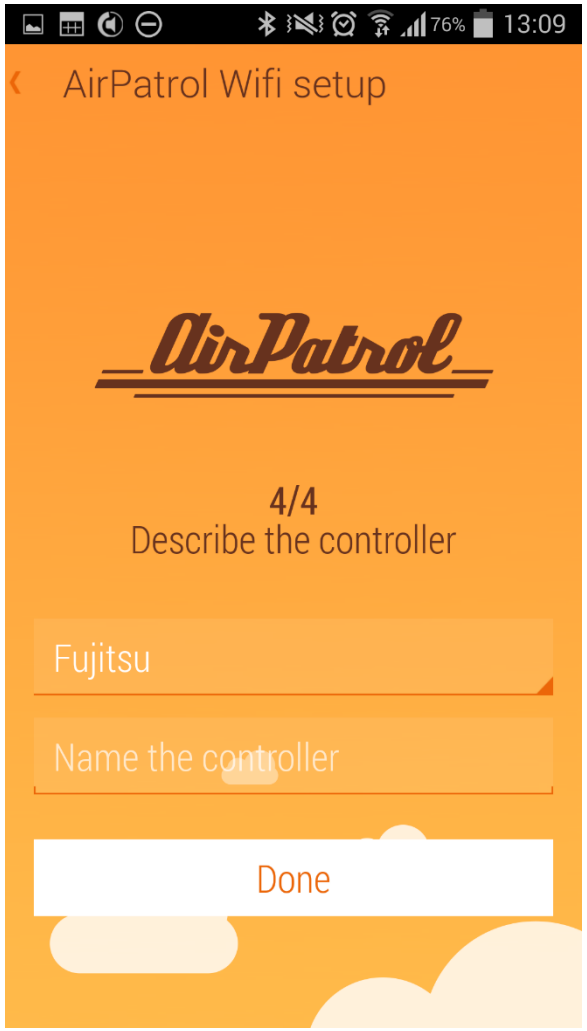


AirPatrol WiFi Main view

This is the main view for AirPatrol App.

To control your device just touch anywhere on the selected device area.

AirPatrol WiFi Setup



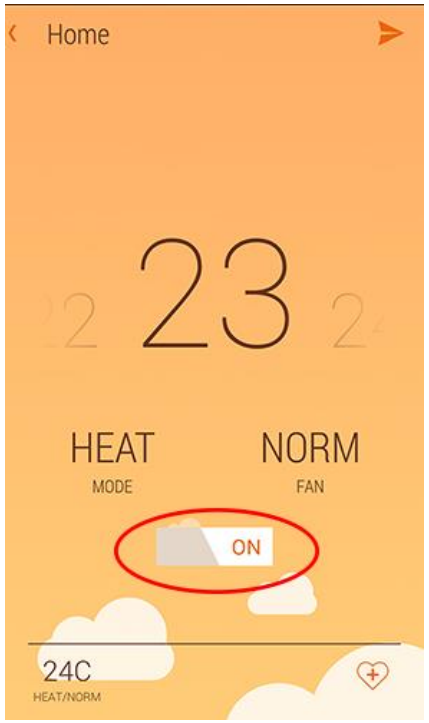
4
Information

In the last step you are asked to select your heat pump / AC brand and give it a name.

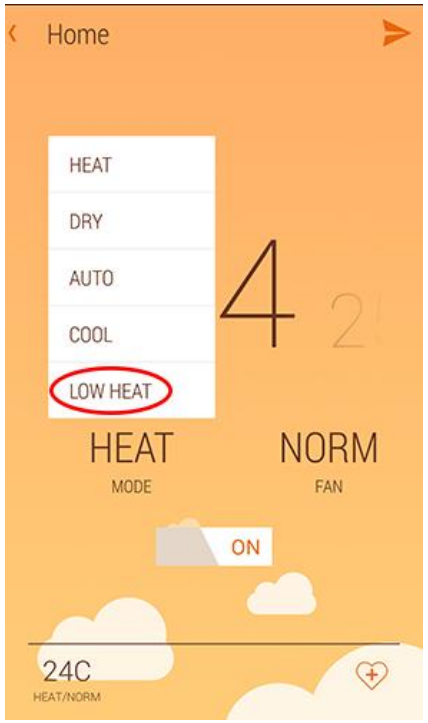
After that press DONE.

Sending commands

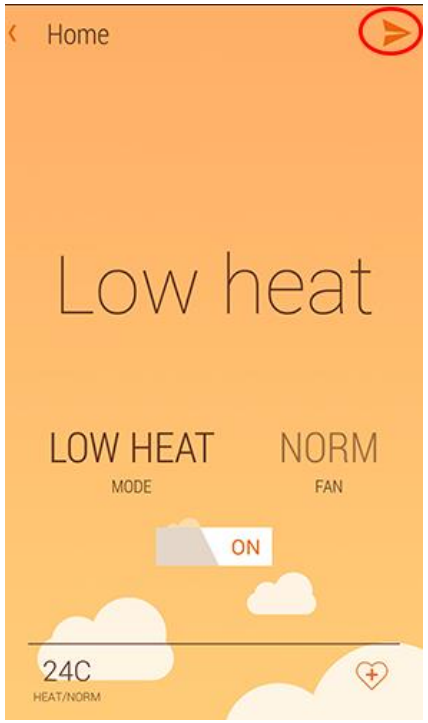
Sending commands is easy, just select your desired settings and push send button.
For example setting LOW HEAT mode:



1. Make sure the ON/OFF siwtch is ON

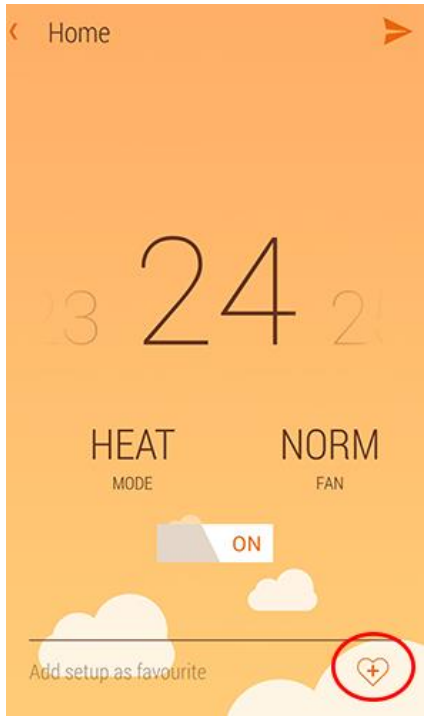


2. Select MODE and LOW HEAT

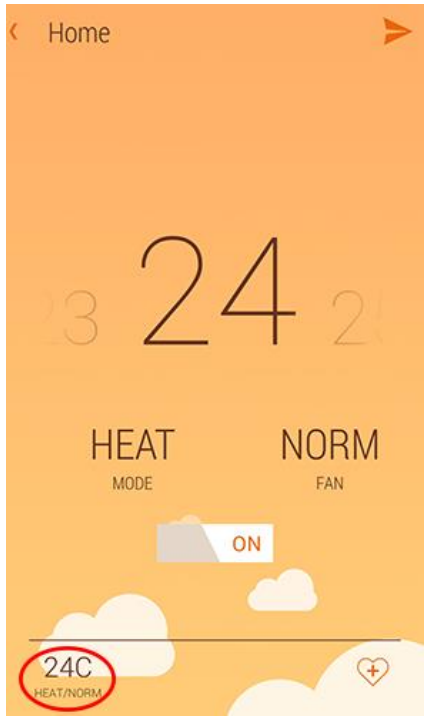


3. Press SEND button

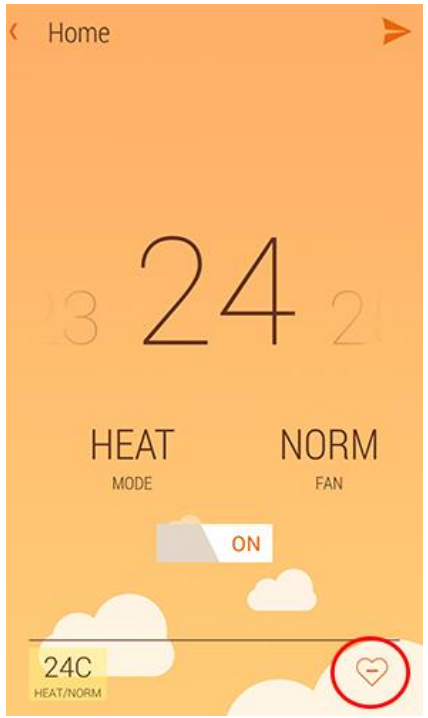
Add / delete favourites



1. Choose your favourite settings and push the add favourite button.



2. To activate the favourite just select it from the bottom bar and press SEND button.



3. To delete favourite select it and press delete favourite button.

Settings menu

In order to enter advanced settings menu for your controller press the settings button.
On Android it is the native settings button, just press it or hold it down for a few seconds (depends on your phone model).
On iPhone it is on screen button.

From Settings menu you can

- change your controller name
- enter to SETUP menu
- Enter VERSION menu
- delete controller.

SETUP

From SETUP menu you can

- change your heat pump / AC model
- set alarms*

VERSION

From VERSION menu you can see

- Firmware versioon
- Controller uptime
- WiFi network

**Alarms function is available from December 2014*

AirPatrol WiFi

Thank you!

SAVE MONEY, GAIN COMFORT

AirPatrol WiFi